

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Collins et al.  
SERIAL NUMBER: 09/868,123 EXAMINER : Regina M. Deberry  
FILING DATE: April 2, 2002 ART UNIT : 1647  
FOR: CYTOKINE RECEPTOR CHAIN

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Applicants make of record the documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are enclosed.

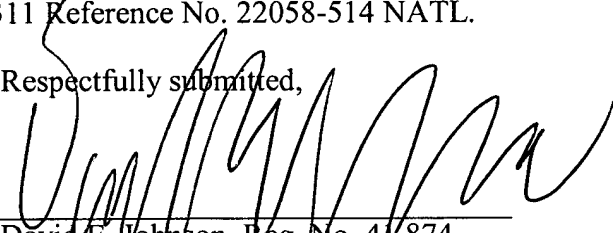
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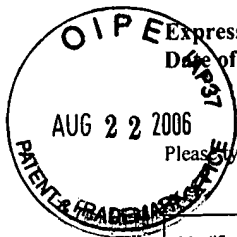
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Respectfully submitted,

  
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Date: August 22, 2006



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Page 1 of 1  
Attorney Docket No.: 22058-514 NATL

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<b>Modified Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	09/868,123
	<b>Filing Date</b>	April 2, 2002
	<b>First Named Inventor</b>	Collins
	<b>Group Art Unit</b>	1647
	<b>Examiner Name</b>	Regina M. Deberry
	<b>Attorney Docket Number</b>	22058-514 NATL

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication mm/dd/yyyy	Translation Yes No		
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
	C20	Bost et al. <i>Immunology</i> , 87:633-641 (1996)					
	C21	Grünig et al. <i>Science</i> , 282:2261-2263 (1998)					
	C22	Van Der Pouw Kraan et al. <i>Clin. Exp. Immunol.</i> , 111:129-135 (1998)					

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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Modified Form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	09/868,123
	<b>Filing Date of U.S. Natl Appl.</b>	06/13/01
	<b>First Named Inventor</b>	Collins
	<b>Group Art Unit</b>	Not Yet Assigned
	<b>Examiner Name</b>	Not Yet Assigned
	<b>Attorney Docket Number</b>	22058-514 NATL

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	5,696,234	12/09/97	Zurawski et al.			
	A2	5,599,905	02/04/97	Mosley et al.			
	A3	5,710,023	01/20/98	Collins et al.			

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office	Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes	No
	B1	WO	97/15663	Amrad Operations Pty. Ltd.	05/01/1997		
	B2	WO	94/04680	Schering Corporation	03/03/1194		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
	C1	Obiri et al. (1995). "Receptor for Interleukin 13" <i>J. Biol. Chem.</i> <u>270</u> (15): 8797-8804.					
	C2	Vita et al. (1995). "Characterization and Comparison of the Interleukin 13 Receptor with the Interleukin 4 Receptor on Several Cell Types" <i>J. Biol. Chem.</i> <u>270</u> (8): 3512-3517.					
	C3	Zurawski et al. (1995). "The Primary Binding subunit of the Human Interleukin-4 Receptor Is Also a Component of the Interleukin-13 Receptor" <i>J. Biol. Chem.</i> <u>270</u> (23): 13869-13878.					
	C4	International Search Report for PCT/US99/29493. Mailed on April 25, 2000.					
	C5	Written Opinion for PCT/US99/29493. Mailed on January 26, 2001.					
	C6	McKenzie et al. (1993). "Interleukin 13, a T-cell-derived cytokine that regulates human monocyte and B-cell function" <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> : 3735-3739					
	C7	Minty et al. (1993). "Interleukin-13 is a new human lymphokine regulating inflammatory and immune responses" <i>Nature</i> <u>362</u> : 248-250					
	C8	Punnonen et al. (1994). "IL-13 Induces Proliferation, Ig Isotype Switching, and Ig Synthesis by Immature Human Fetal B Cells" <i>J. Immunol.</i> <u>152</u> : 1094-1102					
	C9	Punnonen et al. (1993). "Interleukin 13 induces interleukin 4-independent IgG4 and IgE synthesis and CD23 expression by human B cells" <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> : 3730-3734					
	C10	Cocks et al. (1993). "IL-13 Induces Proliferation and Differentiation of Human B Cells Activated by the CD40 Ligand" <i>Int. Immunol.</i> <u>5</u> (6): 657-663.					
	C11	Zurawski et al. (1993). "Receptors for interleukin-13 and interleukin-4 are complex and share a novel component that functions in signal transduction" <i>EMBO J.</i> <u>12</u> : 2663-2670					
	C12	Hilton et al. (1996). "Cloning and characterization of a binding subunit of the interleukin 13 receptor that is also a component of the interleukin 4 receptor" <i>Proc. Natl. Acad. Sci. USA</i> <u>93</u> : 497-501.					
	C13	Shanafelt et al. (1998). "An immune cell-selective interleukin 4 agonist" <i>Proc. Natl. Acad. Sci. USA</i> <u>95</u> : 9454-9458.					

Date of Deposit: May 9, 2002

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
C14		Aversa et al. (1993). "An Interleukin 4 Mutant Protein Inhibits both IL-4 or IL-13 induced Human Immunoglobulin G4 and IgE Synthesis and B Cell Proliferation: Support for a Common Component Shared by IL-4 and IL-13 Receptors" <i>J. Exp. Med.</i> <u>178</u> : 2213-2218.
C15		Grunewald et al. (1998). "An Antagonistic IL-4 Mutant Prevents Type I Allergy in the Mouse: Inhibition of the IL-4/IL-13 Receptor system Completely Abrogates Humoral Immune Response to Allergen and Development of Allergic Symptoms In Vivo" <i>J. Immunol.</i> <u>160</u> : 4004-4009.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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	<b>Filing Date</b>	04/02/02
	<b>First Named Inventor</b>	Collins
	<b>Group Art Unit</b>	1647
	<b>Examiner Name</b>	Not Yet Assigned
	<b>Attorney Docket Number</b>	22058-514 NATL

U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication mm/dd/yyyy	Translation Yes No		
	B3	WO 97/31946	Genetics Institute, Inc.	09/04/97			
	B4	WO 97/33913	Zymogenetics, Inc.	09/18/97			
	B5	WO 97/47741	Smithkline Beecham Corporation; and Human Genome Sciences, Inc.	12/18/97			
	B6	WO 97/47742	Smithkline Beecham Corporation; and Human Genome Sciences, Inc.	12/18/97			
	B7	WO 98/10638	Amrad Operations Pty. Ltd.	03/19/98			
	B8	EP 0 812 913	Smithkline Beecham Corporation; and Human Genome Sciences, Inc.	12/17/97			
	B9	FR 2 742 156	Sanofi Societe Anonyme	06/13/97			X

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C16	Caput, et al. (1996). "Cloning and Characterization of a Specific Interleukin (IL)-13 Binding Protein Structurally Related to the IL-5 Receptor $\alpha$ Chain" J Biol Chem 271: 16921-16926.
	C17	Donaldson, et al. (1998). "The Murine IL-13 Receptor $\alpha 2$ : Molecular Cloning, Characterization, and Comparison with Murine IL-13 Receptor $\alpha 1$ " J Immun 161: 2317-2324.
	C18	Collins, et al. (1991). "Comparison of two distinct ligand binding chains for the IL13 receptor in the mouse" J Allergy Clin Immun 99: 287. <b>(ABSTRACT ONLY)</b>
	C19	Supplementary Partial European Search Report, for EP 99966166.3-2401-US9929493 dated May 13, 2002.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

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